

-36-

ABSTRACT OF THE DISCLOSURE

A predetermined electric current is supplied to an inductance device by changing a pulse width of a voltage applied to the inductance device according to a current instruction value. An electric current which flows through the inductance device is detected; the thus-detected current value is compared with the current instruction value; the voltage applied to the inductance device is turned on/off according to the comparison result; and an off time for which application of the voltage to the inductance device is interrupted is controlled according to the current instruction value.

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